

In the claims:

1. In a radio communication system comprising a network part having at least a first network copy database maintained thereat and a mobile node having a corresponding at least a first mobile copy database maintained thereat, data of the first network copy database and the first mobile copy database in match with one another when data of each data record of the first network copy database is in complete correspondence with corresponding data of each data record of the first mobile copy database, an improvement of apparatus for facilitating determination of whether the first network copy database is in match with the first mobile copy database, said apparatus comprising:
 - a group hash generator embodied at the mobile node and adapted to receive indications of at least selected portions of at least selected data records of the at least the first mobile copy, said group hash generator selectably for forming a group hash value formed of aggregated hash values aggregated from individual record hashes representative of at least a first selected group of the selected data records, the group hash values for communication to the network part to determine whether the first network copy database and the first mobile copy database are in match with one another.
2. The apparatus of claim 1 further comprising an individual record hash generator embodied at the mobile node, said individual record hash generator for generating the individual record hashes that are aggregated to form, by said group hash generator, the group hash value, the individual record hashes responsive to values of at least portions of the selected data records.
3. The apparatus of claim 2 further comprising an individual record hash buffer adapted to receive values representative of the individual record hashes formed by said individual record hash generator, said individual record hash buffer for buffering thereat the values representative of the individual record hashes.
4. The apparatus of claim 2 wherein the individual record hashes formed by said individual record hash generator are further selectably for communication to the network part to determine whether the first network copy database and the first mobile copy database are in match with one another.

5. The apparatus of claim 4 wherein the individual record hashes formed by said individual record hash generator are selectably communicated to the network part subsequent to communication of the group hash value to the network part.

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6. The apparatus of claim 5 wherein the individual record hashes formed by said individual record hash generator are communicated to the network part upon preliminary determination that the network copy database and the mobile copy database are out of match with one another responsive to analysis, at the network part, of the group hash value.

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7. The apparatus of claim 6 wherein the preliminary determination is performed at the network part and wherein said apparatus further comprises a detector for detecting indications of the preliminary determination made at the network part.

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8. The apparatus of claim 7 further comprising an individual record hash buffer adapted to receive values representative of the individual record hashes formed by said individual record hash generator, said individual record hash buffer for buffering thereat the values representative of the individual record hashes, the values representative of the individual record hashes selectably retrieved from said buffer for communication to the network part.

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9. The apparatus of claim 1 wherein each group of the at least the first selected group is identified by a group identifier, the group identifier for communication to the network part together with the group hash value formed by said group hash generator.

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10. The apparatus of claim 9 further comprising a message generator adapted to receive indications of the group hash value and the group identifier associated therewith, said message generator for forming a message formatted to include both the group hash value and the group identifier.

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11. In the radio communication system of claim 1, a further improvement of apparatus for the network part, also for facilitating determination of whether the first

network copy database is in match with the first mobile copy database, said apparatus comprising:

5 a determiner adapted to receive values of the group hash formed by said group hash generator and communicated to the network part by the mobile node, said determiner for determining whether values of the group hash correspond with network generated values.

12. The apparatus of claim 11 wherein said apparatus further comprises a requester coupled to said determiner to receive indications of determinations made thereat, said requestor selectable for requesting additional information associated with the at least the
10 first mobile copy database.

13. The apparatus of claim 12 wherein the additional information selectably requested by said requestor comprises values of the individual record hashes that are aggregated to form the group hash values.
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14. The apparatus of claim 13 wherein said determiner is further adapted to receive values of the individual record hashes selectably further communicated to the network part by the mobile node, said determiner further for determining whether values of the individual record hashes correspond with corresponding network generated values.
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15. In a method of communicating in a radio communication system comprising a network part having at least a first network copy database maintained thereat and a mobile node having a corresponding at least a first mobile copy database maintained thereat, data of the first network copy database and the first mobile copy database in match with one another
25 when data of each data record of the first network copy database is in complete correspondence with corresponding data of each data record of the first mobile copy database, an improvement of a method for facilitating determination of whether the first network copy database is in match with the first mobile copy database, said method comprising:
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aggregating together individual record hashes of individual data records of at least a first selected group of data records of the at least the first mobile copy to form a group hash value;

sending the group hash value formed during said operation of aggregating to the network part;

comparing the group hash value sent to the network part during said operation of sending with a corresponding network generated value; and

5 determining whether the group hash value corresponds in value with the corresponding network generated value.

16. The method of claim 15 further comprising the operation of concluding the first network copy database to be in match with the mobile copy database if the group hash
10 value is determined during said operation of determining to correspond in value with the corresponding network generated value.

17. The method of claim 15 further comprising the operation of requesting additional information if the group hash value is determined during said operation of
15 determining not to correspond in value with the corresponding network generated value.

18. The method of claim 17 wherein the additional information requested during said operation of requesting comprises values of the individual record hashes that are aggregated together to form the group hash value.

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19. The method of claim 18 further comprising the operation of sending the values of the individual record hashes to the network part.

20. The method of claim 19 further comprising the operation of comparing the
25 individual record hashes, once delivered to the network part, with corresponding locally generated values.

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